



#4/A  
W. Morgan  
12/18/02  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Glen E. Lee et al.

Attorney Docket No.: CISCPO86

Application No.: 09/330,225

Examiner: Robert T. Pham

Filed: June 10, 1999

Group: 2611

Title: DATA TRANSMISSION OVER  
MULTIPLE UPSTREAM CHANNELS  
WITHIN A CABLE MODEM SYSTEM

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner of Patents and Trademarks, Washington, DC 20231 on December 10, 2002.

Signed: Natalie Morgan

Natalie Morgan

**AMENDMENT A**

**RECEIVED**

**DEC 18 2002**

**Technology Center 2600**

Commissioner for Patents  
Washington, D.C. 20231

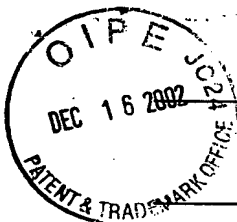
Dear Sir:

It is respectfully submitted that the Examiner enters the following amendments in response to the Office Action dated 10 September 2002, a response to which is due on 10 December 2002.

**In the Claims:**

Please substitute the following clean claims 1, 2, 11, 12, 19-22, and 35-37 for any previous corresponding claims. A marked up version of the claims is present in the attached Appendix.

a<sup>1</sup>  
1. (Amended Once) A method for transmitting upstream data from a cable modem within a cable television plant, the method comprising:



2611  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Glen E. Lee, et al.

Attorney Docket No.: CISCPO86

Application No.: 09/330,225

Examiner: Robert T. Pham

Filed: June 10, 1999

Group: 2611

Title: DATA TRANSMISSION OVER  
MULTIPLE UPSTREAM CHANNELS WITHIN  
A CABLE MODEM SYSTEM

RECEIVED

DEC 18 2002

Technology Center 2600

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner for Patents, Washington, DC 20231 on December 10, 2002.

Signed: 

Natalie Morgan

**AMENDMENT TRANSMITTAL**

Commissioner for Patents  
Washington, DC 20231

Sir:

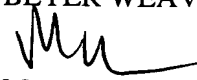
Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	37	MINUS	37	0	x 9 =	x 18 = 0
Independent Claims	7	MINUS	7	0	x 42 =	x 84 = 0
Multiple Dependent Claim Present and Fee Not Previously Paid					\$140.00	\$280.00
Total					\$	\$0

- ☐ Applicant(s) hereby petition for a \_\_\_\_\_ month extension(s) of time to respond to the aforementioned Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.
- ☐ Enclosed is our Check No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the additional claim fee and/or extension of time fees.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. CISCPO86)

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
Mary R. Olynick  
Reg. No. 42,963

P.O. Box 778  
Berkeley, CA 94704-0778